

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| S1    | 30   | 204/422.cior.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:30 |
| S2    | 20   | 204/241.cior.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:30 |
| S3    | 5    | ((("4657641") or<br>("3752753") or<br>("4906349") or<br>("4342633")).PN. | US-PGPUB;<br>USPAT; USOCR                          | OR               | OFF     | 2008/09/26<br>13:32 |
| S4    | 0    | GB1594223  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:33 |
| S5    | 1    | GB "1594223"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:33 |
| S6    | 0    | (S1 or S2 or S3 or S4 or<br>S5) and aluminum fiol                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:34 |
| S7    | 1    | (S1 or S2 or S3 or S4 or<br>S5) and aluminum foil                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:34 |
| S8    | 28   | (S1 or S2 or S3 or S4 or<br>S5) and aluminum                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ              | OFF     | 2008/09/26<br>13:34 |
| S9    | 1    | ("20060096861").PN.  | US-PGPUB;<br>USPAT; USOCR                          | OR               | OFF     | 2008/09/30<br>14:46 |

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| S10 | 25  | ((("20060096861") or ("6369148") or ("7314499") or ("20040091552") or ("4800133") or ("5925483") or ("4470846") or ("4497882") or ("4580855") or ("5441830") or ("5464707") or ("6208503") or ("5793394") or ("6082566") or ("6287743") or ("6310163") or ("6310164") or ("6329465") or ("6332909") or ("6440548") or ("5510209") or ("6242122") or ("4287032") or ("4312736") or ("4808293"))).PN. | US-PGPUB;<br>USPAT; USOCR                          | OR  | OFF | 2008/09/30<br>14:49 |
| S11 | 741 | (oxygen near5 sensor) and molten  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:51 |
| S12 | 673 | (oxygen near3 sensor) and molten  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:51 |
| S13 | 253 | (oxygen near3 sensor) and molten near3 metal  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:51 |
| S14 | 253 | (oxygen near3 sensor) and (molten near3 metal)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:51 |
| S15 | 241 | (oxygen near3 sensor) and (molten metal)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:51 |
| S16 | 186 | (oxygen sensor) and (molten metal)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:51 |

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| S17 | 39 | (oxygen sensor) near5 (molten metal)                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>14:52 |
| S18 | 2  | S15 and (aluminum near3 foil)                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>15:18 |
| S19 | 2  | ((("5192404") or ("5567286"))).PN.                               | US-PGPUB;<br>USPAT; USOCR                          | OR  | OFF | 2008/09/30<br>16:35 |
| S20 | 30 | 204/422.cior.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>16:37 |
| S21 | 20 | 204/241.cior.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>16:37 |
| S22 | 5  | ((("4657641") or ("3752753") or ("4906349") or ("4342633"))).PN. | US-PGPUB;<br>USPAT; USOCR                          | OR  | OFF | 2008/09/30<br>16:37 |
| S23 | 0  | GB1594223  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>16:37 |
| S24 | 1  | GB "1594223"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>16:37 |
| S25 | 10 | (S20 or S21 or S22 or S23 or S24) and copper                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/09/30<br>16:37 |
| S26 | 1  | oxygen sensor and solid electrolyte and (copper near5 wet\$8)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:11 |
| S27 | 34 | solid electrolyte and (copper near5 wet\$8)                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:11 |
| S28 | 1  | thermoactive shape memory  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:16 |
| S29 | 25 | thermo\$5 shape memory   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:17 |

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| S30 | 71   | shape memory near10 metal near10 (fastener or holder or belt or wrap or hose)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:20 |
| S31 | 71   | shape memory near10 metal near10 (fastener or holder or belt or wrap or hose or clap)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:20 |
| S32 | 114  | shape memory near10 metal near10 (fastener or holder or belt or wrap or hose or clamp) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:20 |
| S33 | 0    | S32 and (metal melt or molten metal)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:21 |
| S34 | 18   | S32 and sensor   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:21 |
| S35 | 15   | S32 and foil   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:26 |
| S36 | 1    | ("4699763").PN.  | US-PGPUB;<br>USPAT; USOCR                          | OR  | OFF | 2008/10/01<br>10:33 |
| S37 | 5691 | copper foil and wet\$8   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:36 |
| S38 | 422  | S37 and solid electrolyte  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:37 |
| S39 | 3    | S38 and oxygen sensor  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:37 |
| S40 | 325  | copper foil near10 wet\$8  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:37 |
| S41 | 220  | copper foil near5 wet\$8   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:37 |
| S42 | 149  | copper foil near3 wet\$8   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:38 |

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| S43 | 0   | S42 and solid electrolyte  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:38 |
| S44 | 3   | S42 and zirconium oxide  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:38 |
| S45 | 0   | S42 and (metal melt or (molten near3 metal))                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:39 |
| S46 | 1   | S41 and (metal melt or (molten near3 metal))                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:39 |
| S47 | 32  | copper foil near3 (wet\$8 near5 surface)                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:40 |
| S48 | 486 | copper foil and (metal melt or (molten near3 metal))                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:56 |
| S49 | 0   | S48 and oxygen sensor  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:57 |
| S50 | 0   | (copper foil near5 (sensor or probe)) and (metal melt or (molten near3 metal)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:57 |
| S51 | 2   | (copper foil near5 (sensor or probe)) and (solid electrolyte)                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:58 |
| S52 | 5   | (copper foil and oxygen (sensor or probe)) and (solid electrolyte)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>10:58 |
| S53 | 0   | ((copper near3 wet\$8) and oxygen(sensor or probe)) and (solid electrolyte)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>11:00 |
| S54 | 1   | ((copper near5 wet\$8) and oxygen(sensor or probe)) and (solid electrolyte)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>11:00 |

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| S55 | 15 | ((copper near5 surface) and oxygen(sensor or probe)) and (solid electrolyte)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>11:01 |
| S56 | 0  | ((copper (film or foil) near5 surface) and oxygen(sensor or probe)) and (solid electrolyte) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | OFF | 2008/10/01<br>11:02 |

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